

Shivam Kumar

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Greater Noida(west) – 201306

Gautam Budh Nagar, Uttar Pradesh, India

SUMMARY

Software Developer experienced in building reliable, scalable, end-to-end solutions across **Web, Server, Android/iOS and Infrastructure Domains**. Proficient in **Backend, Frontend and Development Operations**. Skilled in **Data Structures & Algorithms, System Design, OOPS, Full Stack Development, Mobile App Development, UI Design, Data Analytics and Machine Learning**. Demonstrated ability to take **projects from inception to deployment**, achieving measurable improvements in **user engagement, process efficiency and cost reduction**.

EDUCATION

GLA University B. Tech (Computer Science and Engineering) - AIML	<i>July 2021 – May 2025</i> CGPA: 8.2
Delhi Public School 12th Standard	Percentage: 90%

EXPERIENCE

Astuto Associate Software Engineer	<i>March 2025 – Sep 2025</i> Bengaluru
<ul style="list-style-type: none">Analyzed 10+ metrics of AWS cost-watchers and analyzers data to obtain detailed insights about achieved and potential savings of the product.Engineered an internal Ticketing Portal for tracking bugs, progress and service enhancements, improving resolution efficiency by 70%.Curated S3 insights to flag old-versioned and low-access buckets, enabling up to 40% storage cost reduction via automated Glacier transitions.	
Whatbytes Backend Developer	<i>Aug 2024 – Feb 2025</i> Bengaluru
<ul style="list-style-type: none">Designed a Live Event Streaming Platform with adaptive bit-rate streaming, live translation, subtitles (10+ languages) and live messaging.Architected an Automated Website Scraper extracting 1M+ business records/month, integrating data validation and de-duplication logic.Devised an AI-powered Website Generator, delivering fully functional sites in under 60 sec with on-the-fly modifications and deployment.	
EVG Software Solutions Software Developer Intern	<i>Feb 2024 – July 2024</i> Gurgaon
<ul style="list-style-type: none">Engineered a real-time in-house user analytics tool with 1:1 event tracking, achieving 100% user activity coverage.Enhanced bulk member upload functionality, improving user data upload speed by 60%, from CSV to database directly.Implemented a recurring payment subscription model for variable pricing, increasing user retention rate by 37%.	
Pentest Harbour Freelance Software Engineer	<i>June 2023 – Jan 2024</i> Remote
<ul style="list-style-type: none">Architected a scalable e-Learning Platform, efficiently managing a database of 250+ recorded lectures and 17+ daily uploads.Developed 3- Admin, Instructor and Student Portals with Payment Gateway, OTP verification, Email and Review services.Streamlined storage and deployment efficiency by 30% by introducing a custom Data Layer between Cloudinary and AWS integration.	
Origins Ai – (Zoca) Freelance Full Stack Dev	<i>Sep 2022 – May 2023</i> Remote
<ul style="list-style-type: none">Constructed an in-house robust IP rotation system and request throttling logic to mitigate IP bans and maintain reliable high-throughput scraping.Formulated a social-media verification service to detect authentic user accounts across Instagram, Twitter, and Facebook.Deployed a scalable Web-Scraping Pipeline to extract, validate, and normalize data from fashion platforms for company lead generation workflows.	

SKILLS

Programming Languages: Java, Python, C++, JavaScript, TypeScript, HTML, CSS
Frameworks & Libraries: ReactJS, NextJS, NodeJS, NestJS, ExpressJS, IntentJS, Flutter, Flask, Django, Material UI, Tachyons, Bootstrap, Tailwind
Databases: MongoDB, MySQL, PostgreSQL, Redis, Firestore
DevOps & Cloud: AWS, GCP, Docker, Git, CI/CD, Firebase, CircleCI, Superset, Clickhouse
Other Tools & Technologies: Redux, jQuery, WebRTC, GraphQL, Postman, ApiDog, Jest, Metabase, WebEngage, Android Studio, React Native
Data Science & ML Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, OpenCV, TensorFlow, Keras
Soft Skills: Communication, Listening, Leadership, Collaboration

CERTIFICATION

<ul style="list-style-type: none">Google Advanced Data AnalyticsGoogle Cloud Big Data and Machine Learning FundamentalsMobile Applications Development – Flutter and Android Studio	<ul style="list-style-type: none">Data Science with Generative AIFull Stack Web Development – MERN StackData Structures and Algorithms in Java – Code 360
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ACHIEVEMENTS

<ul style="list-style-type: none">Ranked top among 5000 participants in 4 coding competitions – Code 360Secured first place among 200 participants – Code N Hunt - 2.0, GLA UniversityWon Technical Project Presentation among 160 participants – IBM, GLA UniversityFinalists in National Hackathon - Flipkart Grid 5.0Finalists in GLATHON, GLA University	
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POSITIONS HELD

<ul style="list-style-type: none">Teaching Assistant, Code 360 – Resolved doubts of 230+ studentsMentor Full Stack Web Development – Guided 140+ studentsHead of Technical Department, Code Busters Club - GLA UniversityHead of Organising Team, TEDx GLAU - GLA UniversityCoordinated 3 events and 2 awareness programs for GFG Student Chapter, Entrepreneur’s Cell and Nature’s Club, GLA University	
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